

Substance Details Report

May 30, 2009

Core Metadata

Substance Type	Chemical Substance	Internal Tracking Number	83550
EPA Registry Name	Cresol	Substance Status	Approved
EPA Registry Name List	Chemical Identification		
Systematic Name	Phenol, methyl-		
Systematic Name List	Chemical Abstracts Service, 9th Collective Index Nomenclature		
Preferred Acronym			
CAS Number	1319-77-3		
EPA Identification Number			
TSN Number			
Kingdom			
ICTVDB			
Molecular Formula	C7H8O		
Molecular Weight	108.14		
Comment/Description			

Definition

Classifications

Associated Identifiers

Former CAS Numbers

8003-33-6
8006-62-0
8026-94-6
8027-16-5
52037-47-5
116804-25-2

Incorrect CAS Numbers

299-86-5

Structure

Notation	Notation Type
Oc1ccccc1C	SMILES

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Synonym

Below are the EPA applications/systems, statutes/regulations, or other sources that track or regulate this substance. This table shows how each list refers to the substance.

Statutes/Regulations

Statutes/Regulations	Synonym	Synonym Quality	Effective Date	End Date
CAA 111	Cresylic acid	Unknown	01/05/1981	
CAA 111	Mixed cresols	Unknown	01/05/1981	
CAA112(b) HAP	Cresols/Cresylic acid (isomers and mixture)	Unknown		
CAA112(b) HON	Cresols and cresylic acids (mixed)	Unknown		
CERCLA	Cresols (isomers and mixture)	Unknown		
CERCLA	Cresylic acid (isomers and mixture)	Unknown		
CERCLA	Phenol, methyl-	Valid		
CWA 311	Cresol	Valid	03/13/1978	
CWA 311	Cresylic acid	Unknown	03/13/1978	
CWA 311	Hydroxytoluene	Unknown	03/13/1978	
FIFRA-Inerts	Cresylic acid	Unknown		
RCRA Appendix VII	Cresols and cresylic acid	Unknown	05/19/1980	
RCRA Appendix VIII	Phenol, methyl-	Valid		
RCRA Appendix VIII	Cresol (Cresylic acid)	Unknown		
RCRA T Char	Cresol	Valid	03/29/1990	
RCRA U Waste	Phenol, methyl-	Valid	11/25/1980	
RCRA U Waste	Cresol	Valid	11/25/1980	
RCRA U Waste	Cresylic acid	Unknown	11/25/1980	
SARA 110	Cresols	Unknown	10/20/1988	
TRI	Cresol (mixed isomers)	Unknown	01/01/1987	
TSCA 8A PAIR	Phenol, methyl-	Valid	07/22/1982	05/15/2002
TSCA Inv	Phenol, methyl-	Valid		

EPA Applications/Systems

EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
AFS	Cresol (all isomers)	Unknown		
CAMEO	Cresols	Unknown		

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EPA Application/System	Synonym	Synonym Quality	Effective Date	End Date
CERCLIS3	Cresol (mixed isomers)	Unknown		
CHIPS	Phenol, methyl-	Valid		
CORR	Phenol, methyl-	Valid		
CORR	Cresol (mixed isomers)	Unknown		
ECOTOX	Cresol	Valid		
ECOTOX	Cresylic acid	Unknown		
ECOTOX	Cresylic acid FF	Unknown		
ERNS	Cresylic acid, dephenolized	Unknown		
ERNS	Mixed cresols	Unknown		
ERNS	Methylphenol	Unknown		
ERNS	Cresylic acid	Unknown		
ERNS	Cresols	Unknown		
GCES	Phenol, methyl-	Valid		
HPVC List	Cresol	Valid		
HPVIS	Phenol, methyl-	Valid		
ICIS	Cresol	Valid		
NEI	Cresol	Valid		
PCS	Cresol	Valid		
PCS	Methyl phenol	Unknown		
STORET	Cresol	Valid		
TRIS	Cresol (mixed isomers)	Unknown		
TSCATS	Phenol, methyl-	Valid		
WQX	Cresol	Valid		
eIUR	Phenol, methyl-	Valid		
eIUR	Cresol	Valid		
Other Sources				

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Other Sources	Synonym	Synonym Quality	Effective Date	End Date
ATSDR	Cresols	Unknown		
ATSDR	Phenol, methyl-	Valid		
CAS-9CI	Phenol, methyl-	Valid		
CUS02	Phenol, methyl-	Valid		
CUS86	Cresol	Valid		
CUS90	Cresol	Valid		
CUS94	Cresol	Valid		
CUS98	Phenol, methyl-	Valid		
ChemIDStd	Cresol	Valid		
HSDB	Cresol	Valid		
IRIS	Tricresol	Unknown		
NJ-RTK-HS	Cresols	Unknown		
NTP Chemical Repository	m-, p-Cresol mixture	Unknown		
NTP Studies	Cresol (mixed isomers o-, m-, & p-)	Unknown		

Ad Hoc List

There are no Synonyms of this type.

EPA Synonyms

There are no Synonyms of this type.

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Components

Substance Components

List Name
Group Type
Definition
Comment/Description

NEI

Systematic Name	Synonym	List Acronym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Phenol, 3-methyl-	Phenol, 3-methyl-	NEI	108-39-4				
Phenol, 3-methyl-	Phenol, 3-methyl-	CERCLA	108-39-4				
Phenol, 4-methyl-	Phenol, 4-methyl-	NEI	106-44-5				
Phenol, 4-methyl-	Phenol, 4-methyl-	CERCLA	106-44-5				
Phenol, 2-methyl-	Phenol, 2-methyl-	NEI	95-48-7				
Phenol, 2-methyl-	Phenol, 2-methyl-	CERCLA	95-48-7				

Component Of

Systematic Name	Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Sodium hydroxide, mixt. with petroleum distillates and cresols	Sodium hydroxide, petroleum distillates, cresols (corrosive liquid, flammable, n.o.s.)			E17160920		
Sodium hydroxide, mixt. with cresol and xlenol	Sodium hydroxide, Cresol, Xlenol (corrosive liquids, toxic, n.o.s.)			E17160912		

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Synonym	CAS Number	TSN	EPA Identifier	Effective Date	End Date
Listed spent non-halogenated solvents F004 and still bottoms from their recovery.			E740589	05/19/1980	

Related References

<http://www.osha.gov/dts/sltc/methods/organic/org032/org032.html>
http://www.osha.gov/dts/chemicalsampling/data/CH_229800.html
http://iter.ctcnet.net/publicurl/pub_view_list.cfm?crn=1319%2D77%2D3
http://iter.ctcnet.net/publicurl/p_report_view_list.cfm?crn=1319%2D77%2D3
<http://nj.gov/health/eoh/rtkweb/documents/fs/0537.pdf>
<http://www.epa.gov/ttn/atw/hlthef/cresols.html>
<http://www.atsdr.cdc.gov/tfacts34.html>
<http://ntp-server.niehs.nih.gov/htdocs/RT-studies/RACB90003.html>
<http://www.epa.gov/iris/subst/0030.htm>
http://cfpub.epa.gov/iris/quickview.cfm?substance_nmbr=0030
<http://www.atsdr.cdc.gov/toxprofiles/tp34.html>
<http://yosemite.epa.gov/oppts/epatscat8.nsf/ReportSearch?OpenAgent&CASNumber=1319-77-3>